CLAIMS

What is claimed as new and desired to be protected by Letters Patent of the United States is:

1. A mounting apparatus for mounting control circuitry to an air moving device comprising:

at least one retaining member operable to retain control circuitry for an air moving device; and

at least one mounting member enabling coupling of said apparatus to a portion of an air moving device other than a hub;

wherein the dimensions of said mounting apparatus and said control circuitry are such that when an assembly comprising said mounting apparatus and said control circuitry is coupled to said air moving device, the assembly does not protrude beyond the volume of said air moving device.

2. The mounting apparatus of claim 1 wherein said at least one mounting member includes at least one mounting arm.

3. The mounting apparatus of claim 1 wherein said at least one retaining member includes at least one retaining arm.

4. The mounting apparatus of claim 1 wherein at least one of said at least one retaining member includes a bracing appendage.

5. The mounting apparatus of claim 1 wherein at least of said at least one retaining member includes a securing appendage.

6. The mounting apparatus of claim 1 wherein said mounting apparatus is operable to maintain said control circuitry at a desired angle when said apparatus is coupled to said air moving device.

7. The mounting apparatus of claim 6 wherein said desired angle is approximately forty five degrees (45°).

8. The mounting apparatus of claim 6 wherein said mounting apparatus is operable to maintain said control circuitry at said desired angle regardless of the orientation or direction of movement of said air moving device.

9. The mounting apparatus of claim 1 wherein said air moving device is an air moving device operable for use in an electronic device.

10. The mounting apparatus of claim 1 wherein said at least one retaining member and said at least mounting member are the same.

11. The mounting apparatus of claim 1 wherein said mounting apparatus includes at least one mounting means for coupling said apparatus to at least one mounting hole of said air moving device.

12. An air moving device for use in cooling applications for an electronic device, said air moving device comprising:

frame;

hub rotatably mounted to said frame;

at least one blade coupled to said hub; and

mounting assembly coupled to said frame, said mounting assembly including a mounting apparatus and control circuitry, wherein said mounting assembly is situated within the volume of said air moving device.

13. The device of claim 12 wherein said mounting assembly includes at least one mounting member and at least one retaining member operable to retain said control circuitry.

14. The device of claim 12 wherein said mounting assembly is coupled to said frame via at least one mounting hole of said frame.

15. The device of claim 12 wherein said mounting assembly is situated in a space spanned by a front panel, rear panel and inner portion of said air moving device.

16. A mounting apparatus for coupling control for an air moving device used in cooling applications for electronic devices, said apparatus comprising:

retaining means for retaining control circuitry for an air moving device; and

mounting means for coupling said apparatus to a portion of an air moving device other than a hub;

wherein the dimensions of said mounting apparatus and said control circuitry are such that when an assembly comprising said mounting apparatus and said control circuitry is coupled to said air moving device, the assembly does not protrude beyond the volume of said air moving device.

17. The mounting apparatus of claim 16 wherein said retaining means includes means for maintaining said control circuitry at a desired angle when said apparatus is coupled to said air moving device.

18. The mounting apparatus of claim 17 wherein said desired angle is approximately forty five degrees (45°).

19. The mounting apparatus of claim 16 wherein said means for maintaining maintains said control circuitry at said desired angle regardless of the orientation or direction of movement of said air moving device.

20. The mounting apparatus of claim 16 wherein said mounting means includes means for coupling said apparatus to at least one mounting hole of said air moving device.